

Name: _____

ET_1021 version 15

Consider the L-system (and angle) defined below:

- Start: A

- Rules:

A > [-AAB] [--AAB] [+AAB] [++AAB] AAB

B > [-C] [+C] [--C] [++C] CA

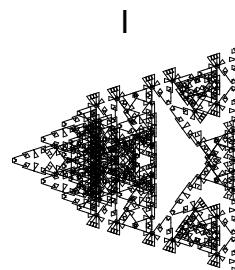
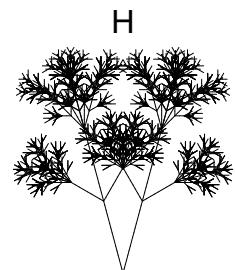
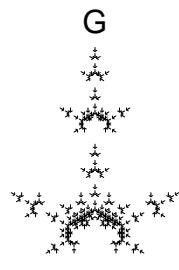
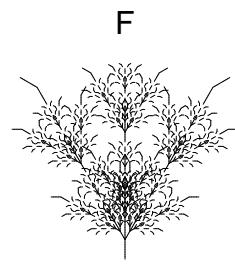
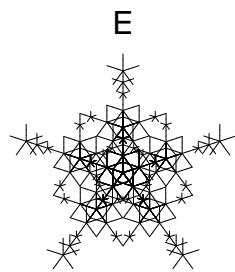
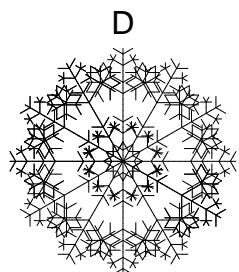
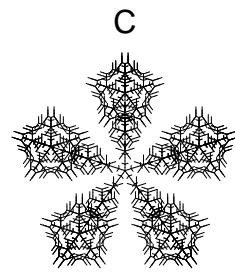
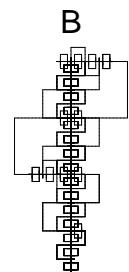
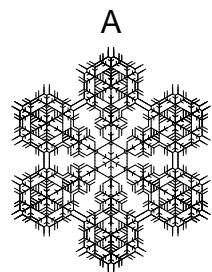
C > CC

- Number of recursions (number of iterations): 3

- Angle: 72°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

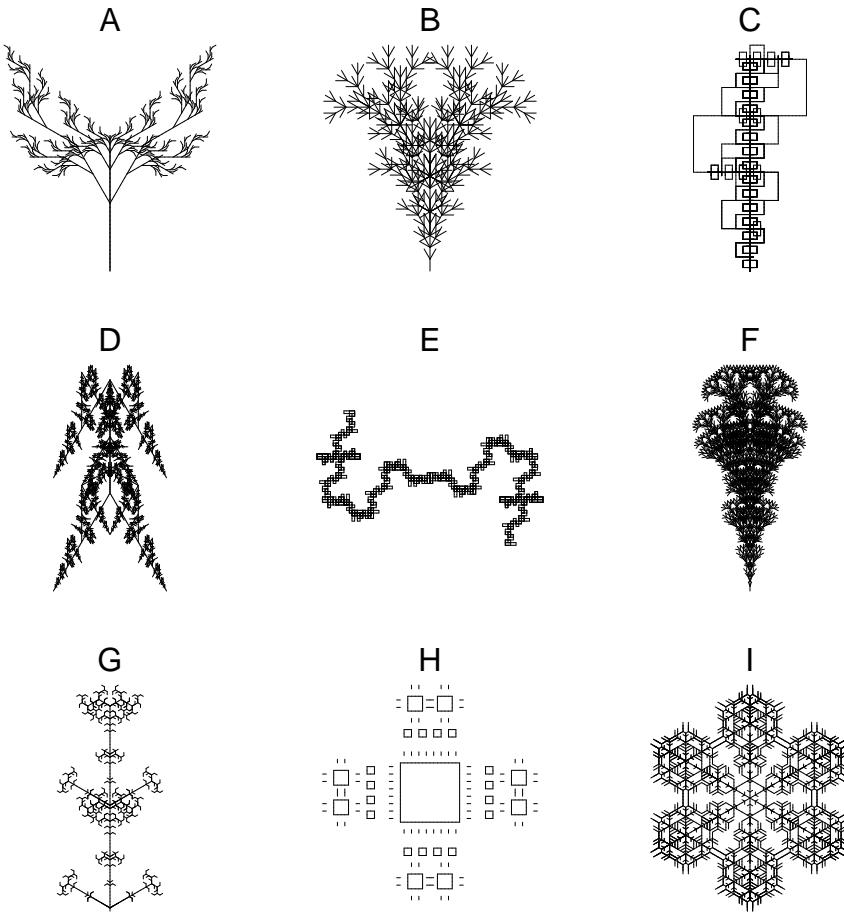
E

Consider the *L*-system (and angle) defined below:

- Start: A
- Rules:
 $A > A [+A] [-A] A [+B] [-B]$
 $B > A [--B] [++B] B$
- Number of recursions (number of iterations): 5
- Angle: 20°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

F